

Abstract

[0043] The present invention provides a method and an apparatus for color calibration for calibrating an input color. A target color represented by a first coordinate pair (X_1 , Y_1). An input color, which is going to be calibrated, is represented by a second coordinate pair (X_2 , Y_2) and can be adjusted with a saturation parameter P_b and a chrominance parameter P_r . The first coordinate pair (X_1 , Y_1) and the second coordinate pair (X_2 , Y_2) are compared to obtain a state. In response to the state, P_b and P_r are adjusted until the second coordinate pair is equal to the first coordinate pair. Therefore, the input color is calibrated to match the target color.